



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Changlang)

No: -13/2013-14/Fri

Dated: 24th May, 2013

Weather during the period

- **Rainfall:** -
 - Changlang –0.0 mm
 - Miao– 33.3 mm

Weather Forecast

• Rainfall –Partly cloudy/cloudy weather with light/moderate rain in few places is forecasted.
• Temperature - The temperature is likely to be in the range of 23-31°C.
• Relative Humidity - The RH is likely to be in the range of 80-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none"> • Mulching, • Collection and deep burying of infected fruit. Installation of pheromone traps.
French Bean	Flowering/ Fruiting		<ul style="list-style-type: none"> • Interculture operations is required,
Ladies Finger	Flowering	Blister Beetle	<ul style="list-style-type: none"> • Weeding followed by mulching with the weeds,
FIELD CROPS			
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul style="list-style-type: none"> • Before sowing treat seeds with Carbandazim 50WP @ 0.1 grams per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, • Transplant of healthy seedlings, • Collection and destruction of egg masses (Yellow cottony mass) is advised. • Before transplanting cut off the tips of the seedlings,
Maize	Vegetative/ Cob formation	Cob borer Stem borer	<ul style="list-style-type: none"> • Mulching, • Regular monitoring against attack of cob borer,
Soybean	Vegetative		<ul style="list-style-type: none"> • Interculture operations,
Black gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"> • Interculture operations, • Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none"> • Interculture operations, • Hand collection of caterpillar and its destruction,
FRUIT CROPS			
Lemon/other citrus fruits	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none"> • Hand picking of larvae and its destruction,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none"> • In present weather conditions mix glucose/dextrose in the water, • Provide multivitamin, • Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> • New Born - Provide cushioning material, • Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none"> • Vaccination against FMD, • Regular monitoring, • Ruchamax at recommended dose,
Goat/Sheep	All stages	Indi gestation	<ul style="list-style-type: none"> • Ruchamax at recommended dose,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37 			



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Dibang Valley)

No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

- **Rainfall:** -
 - Roing – NA
 - Anini - 18.0

Weather Forecast

• Rainfall – Cloudy/partially cloudy weather with moderate/heavy rains are forecasted.
• Temperature - The temperature is likely to be in the range of 16-27°C.
• Relative Humidity - The RH is likely to be in the range of 80-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none">• Mulching,• Collection and deep burying of infected fruit. Installation of pheromone traps.
French Bean	Flowering/ Fruiting		<ul style="list-style-type: none">• Interculture operations is required,
Ladies Finger	Flowering	Blister Beetle	<ul style="list-style-type: none">• Weeding followed by mulching with the weeds,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">• Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul style="list-style-type: none">• Before sowing treat seeds with Carbandazim 50WP @ 0.1 grams per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,• Transplant of healthy seedlings,• Collection and destruction of egg masses (Yellow cottony mass) is advised.
WRC rice – Main (Mipun)	Nursery preparation		<ul style="list-style-type: none">• Sowing of quality seeds in prepared nursery,• Treat seeds with Carbandazim 50 WP@ 0.1 grams per kilogram of seeds.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	<ul style="list-style-type: none">• Mulching,• Regular monitoring against attack of cob borer,
Soybean	Vegetative		<ul style="list-style-type: none">• Interculture operations,
Black gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Interculture operations,• Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Interculture operations,• Hand collection of caterpillar and its destruction,
Potato	Tuber formation	Late blight	<ul style="list-style-type: none">• Monitoring the crop against attack of late blight,• Proper drainage facility should be insured,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none">• Hand picking of larvae and its destruction,
Apple	Fruiting	Wooly Aphid	<ul style="list-style-type: none">• Mulching,• Application of paradichlorobenzene at 2 meter away from the trunk is advised,
Kiwi	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none">• Mulching• Hand collection of the insects and its destruction,
Banana	All stages	Scary beetles	<ul style="list-style-type: none">• Apply Malathion dust 5D inside the whorl of the plant,• Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">• Provide multivitamin,• Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• New Born - Provide cushioning material,

			<ul style="list-style-type: none"> • Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none"> • Vaccination against FMD, • Regular monitoring, • Ruchamax at recommended dose,
Goat/Sheep	All stages	Indi gestation	<ul style="list-style-type: none"> • Ruchamax at recommended dose,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37 			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department
Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Kameng)

No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

Rainfall: -

- Seppa – 25.0 mm

Weather Forecast

• <u>Rainfall</u> – Clear/partly cloudy weather is forecasted for next 2/3 days.
• <u>Temperature</u> - The temperature is likely to be in the range of 19-26 °C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 83-98 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none">• Mulching,• Collection and deep burying of infected fruit. Installation of pheromone traps.
French Bean	Flowering/ Fruiting		<ul style="list-style-type: none">• Interculture operations is required,
Ladies Finger	Flowering	Blister Beetle	<ul style="list-style-type: none">• Weeding followed by mulching with the weeds,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">• Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul style="list-style-type: none">• Before sowing treat seeds with Carbandazim 50WP @ 0.1 grams per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,• Transplant of healthy seedlings,• Collection and destruction of egg masses (Yellow cottony mass) is advised.
WRC rice – Main (Mipun)	Nursery preparation		<ul style="list-style-type: none">• Sowing of quality seeds in prepared nursery,• Treat seeds with Carbandazim 50 WP@ 0.1 grams per kilogram of seeds.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	<ul style="list-style-type: none">• Mulching,• Regular monitoring against attack of cob borer,
Soybean	Vegetative		<ul style="list-style-type: none">• Interculture operations,
Black gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Interculture operations,• Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Interculture operations,• Hand collection of caterpillar and its destruction,
Potato	Tuber formation	Late blight	<ul style="list-style-type: none">• Monitoring the crop against attack of late blight,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none">• Hand picking of larvae and its destruction,
Kiwi	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none">• Mulching• Hand collection of the insects and its destruction,
Banana	All stages	Scary beetles	<ul style="list-style-type: none">• Apply Malathion dust 5D inside the whorl of the plant,• Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">• Provide multivitamin,• Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• New Born - Provide cushioning material,• Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">• Vaccination against FMD,• Regular monitoring,

		Ecto-parasite Indigestation	<ul style="list-style-type: none"> Ruchamax at recommended dose,
Goat/Sheep	All stages	Indi gestation	<ul style="list-style-type: none"> Ruchamax at recommended dose,
<ul style="list-style-type: none"> Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37 			

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Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Siang)

No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

- Maximum temperature: 35.7°C
- Minimum Temperature: 22.5 °C
- Rainfall:
Pasighat –5.2 mm
- Relative humidity (%): 56-93

Weather Forecast

• <u>Rainfall</u> – Cloudy/partly cloudy weather with moderate/heavy rain is forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 21-30°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 80-98 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none"> • Mulching, • Collection and deep burying of infected fruit. Installation of pheromone traps.
French Bean	Flowering/ Fruiting		<ul style="list-style-type: none"> • Interculture operations is required,
Ladies Finger	Flowering	Blister Beetle	<ul style="list-style-type: none"> • Weeding followed by mulching with the weeds,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none"> • Collection of egg masses (Yellow cottony mass) is advised.
WRC rice-early crop	Nursery Transplant	Blast Yellow stem borer	<ul style="list-style-type: none"> • Before sowing treat seeds with Carbandazim 50WP @ 0.1 grams per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, • Transplant of healthy seedlings, • Collection and destruction of egg masses (Yellow cottony mass) is advised.
WRC rice – Main (Mipun)	Nursery preparation		<ul style="list-style-type: none"> • Sowing of quality seeds in prepared nursery, • Treat seeds with Carbandazim 50 WP@ 0.1 grams per kilogram of seeds.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	<ul style="list-style-type: none"> • Mulching, • Regular monitoring against attack of cob borer,
Soybean	Vegetative		<ul style="list-style-type: none"> • Interculture operations,
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Monitoring the crop against attack of late blight, • Proper drainage facility should be insured,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none"> • Hand picking of larvae and its destruction,
Banana	All stages	Scary beetles	<ul style="list-style-type: none"> • Apply Malathion dust 5D inside the whorl of the plant, • Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none"> • Provide multivitamin, • Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> • New Born - Provide cushioning material, • Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none"> • Vaccination against FMD, • Regular monitoring, • Ruchamax at recommended dose,

Goat/Sheep	All stages	Indi gestation	• Ruchamax at recommended dose,
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lohit)

No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

- Rainfall: -
 - Tezu – 18.6 mm
 - Namsai – 38.2 mm

Weather Forecast

• <u>Rainfall</u> –Partly cloudy weather with possibility of rains is forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 22-29°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 81-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none">• Mulching,• Collection and deep burying of infected fruit. Installation of pheromone traps.
French Bean	Flowering/ Fruiting		<ul style="list-style-type: none">• Interculture operations is required,
Ladies Finger	Flowering	Blister Beetle	<ul style="list-style-type: none">• Weeding followed by mulching with the weeds,
FIELD CROPS			
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul style="list-style-type: none">• Before sowing treat seeds with Carbandazim 50WP @ 0.1 grams per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,• Transplant of healthy seedlings,• Collection and destruction of egg masses (Yellow cottony mass) is advised.• Before transplanting cut off the tips of the seedlings,
Maize	Vegetative/ Cob formation	Cob borer Stem borer	<ul style="list-style-type: none">• Mulching,• Regular monitoring against attack of cob borer,
Soybean	Vegetative		<ul style="list-style-type: none">• Interculture operations,
Black gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Interculture operations,• Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Interculture operations,• Hand collection of caterpillar and its destruction,
FRUIT CROPS			
Lemon/other citrus fruits	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none">• Hand picking of larvae and its destruction,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">• In present weather conditions mix glucose/dextrose in the water,• Provide multivitamin,• Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• New Born - Provide cushioning material,• Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none">• Vaccination against FMD,• Regular monitoring,• Ruchamax at recommended dose,
Goat/Sheep	All stages	Indi gestation	<ul style="list-style-type: none">• Ruchamax at recommended dose,
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department

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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lower Subansiri)

No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

- Rainfall: -
1. Ziro –10.6 mm

Weather Forecast

• <u>Rainfall</u> – Cloudy/partially cloudy weather with moderate rains are forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 17-26°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 83-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none"> • Mulching, • Collection and deep burying of infected fruit. Installation of pheromone traps.
French Bean	Flowering/ Fruiting		<ul style="list-style-type: none"> • Interculture operations is required,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none"> • Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul style="list-style-type: none"> • Before sowing treat seeds with Carbandazim 50WP @ 0.1 grams per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, • Transplant of healthy seedlings, • Collection and destruction of egg masses (Yellow cottony mass) is advised.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	<ul style="list-style-type: none"> • Mulching, • Regular monitoring against attack of cob borer,
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Monitoring the crop against attack of late blight, • Proper drainage facility should be insured,
FRUIT CROPS			
Kiwi	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none"> • Mulching • Hand collection of the insects and its destruction,
Banana	All stages	Scary beetles	<ul style="list-style-type: none"> • Mulching and if provision is there provide protective irrigation to the crop, • Apply Malathion dust 5D inside the whorl of the plant, • Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none"> • In present weather conditions mix glucose/dextrose in the water, • Provide multivitamin, • Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> • New Born - Provide cushioning material, • Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none"> • Vaccination against FMD, • Regular monitoring, • Ruchamax at recommended dose,
Goat/Sheep	All stages	Indi gestation	<ul style="list-style-type: none"> • Ruchamax at recommended dose,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37 			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department

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**Agrometeorological Field Unit
ICAR, BASAR**



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Papum Pare)

No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

- Maximum temperature: 34.2°C
- Minimum Temperature: 22.3°C
- Relative Humidity (%):64-93
- Rainfall: -
 1. Itanagar – 6.2 mm
 2. Naharlagun – 7.1 mm

Weather Forecast

- **Rainfall** – Partly cloudy weather for next ½ days and thereafter moderate/heavy rains are forecasted.
- **Temperature** - The temperature is likely to be in the range of 23-31°C.
- **Relative Humidity** - The RH is likely to be in the range of 78-99 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none">• Mulching,• Collection and deep burying of infected fruit. Installation of pheromone traps.
French Bean	Flowering/ Fruiting		<ul style="list-style-type: none">• Interculture operations is required,
Ladies Finger	Flowering	Blister Beetle	<ul style="list-style-type: none">• Weeding followed by mulching with the weeds,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">• Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul style="list-style-type: none">• Before sowing treat seeds with Carbandazim 50WP @ 0.1 grams per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,• Transplant of healthy seedlings,• Collection and destruction of egg masses (Yellow cottony mass) is advised.
WRC rice – Main (Mipun)	Nursery preparation		<ul style="list-style-type: none">• Sowing of quality seeds in prepared nursery,• Treat seeds with Carbandazim 50 WP@ 0.1 grams per kilogram of seeds.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	<ul style="list-style-type: none">• Mulching,• Regular monitoring against attack of cob borer,
Soybean	Vegetative		<ul style="list-style-type: none">• Interculture operations,
Black gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Interculture operations,• Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Interculture operations,• Hand collection of caterpillar and its destruction,
Potato	Tuber formation	Late blight	<ul style="list-style-type: none">• Monitoring the crop against attack of late blight,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none">• Hand picking of larvae and its destruction,
Kiwi	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none">• Mulching• Hand collection of the insects and its destruction,
Banana	All stages	Scary beetles	<ul style="list-style-type: none">• Apply Malathion dust 5D inside the whorl of the plant,• Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">• Provide multivitamin,• Proper vaccination with Briben Plus at recommended dose,

Pigs	All stages	Swine fever	<ul style="list-style-type: none">• New Born - Provide cushioning material,• Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none">• Vaccination against FMD,• Regular monitoring,• Ruchamax at recommended dose,
Goat/Sheep	All stages	Indi gestation	<ul style="list-style-type: none">• Ruchamax at recommended dose,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tawang)

No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

- Rainfall: -
1. Tawang – 22.0 mm

Weather Forecast

- Rainfall –Partly cloudy/cloudy weather with light/moderate rain is forecasted.
- Temperature - The temperature is likely to be in the range of 11-20°C.
- Relative Humidity - The RH is likely to be in the range of 77-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Fruiting	Wooly Aphid	<ul style="list-style-type: none">• Mulching,• Application of paradichlorobenzene at 2 meter away from the trunk is advised,
Kiwi	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none">• Mulching• Hand collection of the insects and its destruction,
Potato	Tuber formation	Late blight	<ul style="list-style-type: none">• Monitoring the crop against attack of late blight,• Proper drainage facility should be insured,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">• In present weather conditions mix glucose/dextrose in the water,• Provide multivitamin,• Proper vaccination with Briben Plus at recommended dose,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none">• Vaccination against FMD,• Regular monitoring,• Ruchamax at recommended dose,
Goat/Sheep	All stages	Indi gestation	<ul style="list-style-type: none">• Ruchamax at recommended dose,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department
Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tirap)

No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

- Rainfall: -
 - Khonsa –NA
 - Deomali –2.0 mm

Weather Forecast

• <u>Rainfall</u> – Cloudy/ partly cloudy weather with moderate rain is forecasted for next 3/4 days.
• <u>Temperature</u> - The temperature is likely to be in the range of 20-27°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 74-96 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none">• Mulching,• Collection and deep burying of infected fruit. Installation of pheromone traps.
French Bean	Flowering/ Fruiting		<ul style="list-style-type: none">• Interculture operations is required,
Ladies Finger	Flowering	Blister Beetle	<ul style="list-style-type: none">• Weeding followed by mulching with the weeds,
FIELD CROPS			
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul style="list-style-type: none">• Before sowing treat seeds with Carbandazim 50WP @ 0.1 grams per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,• Transplant of healthy seedlings,• Collection and destruction of egg masses (Yellow cottony mass) is advised.• Before transplanting cut off the tips of the seedlings,
Maize	Vegetative/ Cob formation	Cob borer Stem borer	<ul style="list-style-type: none">• Mulching,• Regular monitoring against attack of cob borer,
Soybean	Vegetative		<ul style="list-style-type: none">• Interculture operations,
Black gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Interculture operations,• Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Interculture operations,• Hand collection of caterpillar and its destruction,
FRUIT CROPS			
Lemon/other citrus fruits	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none">• Hand picking of larvae and its destruction,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">• In present weather conditions mix glucose/dextrose in the water,• Provide multivitamin,• Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• New Born - Provide cushioning material,• Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none">• Vaccination against FMD,• Regular monitoring,• Ruchamax at recommended dose,
Goat/Sheep	All stages	Indi gestation	<ul style="list-style-type: none">• Ruchamax at recommended dose,
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Siang)

No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

- Rainfall: -
 - Tuting – 16.7 mm

Weather Forecast

• <u>Rainfall</u> – Cloudy/partially cloudy weather with moderate/heavy rains are forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 17-25°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 83-98%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none"> • Mulching, • Collection and deep burying of infected fruit. Installation of pheromone traps.
French Bean	Flowering/ Fruiting		<ul style="list-style-type: none"> • Interculture operations is required,
Ladies Finger	Flowering	Blister Beetle	<ul style="list-style-type: none"> • Weeding followed by mulching with the weeds,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none"> • Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul style="list-style-type: none"> • Before sowing treat seeds with Carbandazim 50WP @ 0.1 grams per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, • Transplant of healthy seedlings, • Collection and destruction of egg masses (Yellow cottony mass) is advised.
WRC rice – Main (Mipun)	Nursery preparation		<ul style="list-style-type: none"> • Sowing of quality seeds in prepared nursery, • Treat seeds with Carbandazim 50 WP@ 0.1 grams per kilogram of seeds.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	<ul style="list-style-type: none"> • Mulching, • Regular monitoring against attack of cob borer,
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Monitoring the crop against attack of late blight,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none"> • Hand picking of larvae and its destruction,
Apple	Fruiting	Wooly Aphid	<ul style="list-style-type: none"> • Mulching, • Application of paradichlorobenzene at 2 meter away from the trunk is advised,
Kiwi	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none"> • Mulching • Hand collection of the insects and its destruction,
Banana	All stages	Scary beetles	<ul style="list-style-type: none"> • Apply Malathion dust 5D inside the whorl of the plant, • Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none"> • Provide multivitamin, • Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> • New Born - Provide cushioning material, • Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none"> • Vaccination against FMD, • Regular monitoring, • Ruchamax at recommended dose,

Goat/Sheep	All stages	Indi gestation	• Ruchamax at recommended dose,
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Subansiri)

No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

- Rainfall: -
 - Daporijo- 21.2 mm

Weather Forecast

• Rainfall – Cloudy/partially cloudy weather with moderate rains are forecasted.
• Temperature - The temperature is likely to be in the range of 19-26°C.
• Relative Humidity - The RH is likely to be in the range of 81-98 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none">Mulching,Collection and deep burying of infected fruit. Installation of pheromone traps.
French Bean	Flowering/ Fruiting		<ul style="list-style-type: none">Interculture operations is required,
Ladies Finger	Flowering	Blister Beetle	<ul style="list-style-type: none">Weeding followed by mulching with the weeds,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">Collection of egg masses (Yellow cottony mass) is advised.
WRC rice-early crop	Nursery Transplant	Blast Yellow stem borer	<ul style="list-style-type: none">Before sowing treat seeds with Carbandazim 50WP @ 0.1 grams per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,Transplant of healthy seedlings,Collection and destruction of egg masses (Yellow cottony mass) is advised.
WRC rice – Main (Mipun)	Nursery preparation		<ul style="list-style-type: none">Sowing of quality seeds in prepared nursery,Treat seeds with Carbandazim 50 WP@ 0.1 grams per kilogram of seeds.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	<ul style="list-style-type: none">Mulching,Regular monitoring against attack of cob borer,
Soybean	Vegetative		<ul style="list-style-type: none">Interculture operations,
Black gram	Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Interculture operations,Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Interculture operations,Hand collection of caterpillar and its destruction,
Potato	Tuber formation	Late blight	<ul style="list-style-type: none">Monitoring the crop against attack of late blight,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none">Hand picking of larvae and its destruction,
Banana	All stages	Scary beetles	<ul style="list-style-type: none">Apply Malathion dust 5D inside the whorl of the plant,Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">Provide multivitamin,Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">New Born - Provide cushioning material,Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none">Vaccination against FMD,Regular monitoring,Ruchamax at recommended dose,

Goat/Sheep	All stages	Indi gestation	• Ruchamax at recommended dose,
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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West Siang, Basar – 791 101

(West Kameng)



No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

- Rainfall: - Bomdila – 69.0 mm
Bhalokpung –50.4 mm

Weather Forecast

• <u>Rainfall</u> - Cloudy/Partially cloudy weather with moderate rains are forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 19-26°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 83-98 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Fruiting	Wooly Aphid	<ul style="list-style-type: none">• Mulching,• Application of paradichlorobenzene at 2 meter away from the trunk is advised,
Kiwi	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none">• Mulching• Hand collection of the insects and its destruction,
Potato	Vegetative state	Late blight	<ul style="list-style-type: none">• Monitoring of crop against attack of late blight in few places,• Proper drainage should be provided,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">• Provide multivitamin,• Proper vaccination with Briben Plus at recommended dose,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none">• Vaccination against FMD,• Regular monitoring,• Ruchamax at recommended dose,
Goat/Sheep	All stages	Indi gestation	<ul style="list-style-type: none">• Ruchamax at recommended dose,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)			

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Siang)

No: -14/2013-14/Tue

Dated: 28th May, 2013

Weather during the period

- During the period from 25th -24th May weather was clear and hot.
- Maximum temperature: 32.5°C
- Minimum Temperature:20.5°C
- Rainfall: **3.0 mm**
- Evapotranspiration: - Not Available
- Relative Humidity (%):- 34-90%
- Soil moisture (m²/ m²):0.26
- Prominent Wind Direction: South East (Morning hours) & South East (Afternoon)
- Average Wind Speed : 0.2 kmph
- Average Sunshine hours : 8.1 hours

(Source-Agromet Observatory, Research Farm, Gori, ICAR RC for NEH Region, AP Centre, Basar)

Weather Forecast

- **Rainfall** –Cloudy/partially cloudy weather with moderate/heavy rains are forecasted.
- **Temperature** - The temperature is likely to be in the range of 19-28°C.
- **Relative Humidity** - The RH is likely to be in the range of 80-99 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none"> • Mulching, • Collection and deep burying of infected fruit. Installation of pheromone traps.
French Bean	Flowering/ Fruiting		<ul style="list-style-type: none"> • Interculture operations is required,
Ladies Finger	Flowering	Blister Beetle	<ul style="list-style-type: none"> • Weeding followed by mulching with the weeds,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none"> • Collection of egg masses (Yellow cottony mass) is advised.
WRC rice-early crop	Nursery Transplant	Blast Yellow stem borer	<ul style="list-style-type: none"> • Before sowing treat seeds with Carbandazim 50WP @ 0.1 grams per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, • Transplant of healthy seedlings, • Collection and destruction of egg masses (Yellow cottony mass) is advised.
WRC rice – Main (Mipun)	Nursery preparation		<ul style="list-style-type: none"> • Sowing of quality seeds in prepared nursery, • Treat seeds with Carbandazim 50 WP@ 0.1 grams per kilogram of seeds.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	<ul style="list-style-type: none"> • Mulching, • Regular monitoring against attack of cob borer,
Soybean	Vegetative		<ul style="list-style-type: none"> • Interculture operations,
Black gram	Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none"> • Interculture operations, • Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none"> • Interculture operations, • Hand collection of caterpillar and its destruction,
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> • Monitoring the crop against attack of late blight, • Proper drainage facility should be insured,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none"> • Hand picking of larvae and its destruction,
Apple	Fruiting	Wooly Aphid	<ul style="list-style-type: none"> • Mulching, • Application of paradichlorobenzene at 2 meter away from the trunk is advised,
Kiwi	Flowering	Leaf eating	<ul style="list-style-type: none"> • Mulching

	Fruiting	beetle	<ul style="list-style-type: none"> Hand collection of the insects and its destruction,
Banana	All stages	Scary beetles	<ul style="list-style-type: none"> Apply Malathion dust 5D inside the whorl of the plant, Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none"> Provide multivitamin, Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> New Born - Provide cushioning material, Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Indigestation	<ul style="list-style-type: none"> Vaccination against FMD, Regular monitoring, Ruchamax at recommended dose,
Goat/Sheep	All stages	Indi gestation	<ul style="list-style-type: none"> Ruchamax at recommended dose,
<ul style="list-style-type: none"> Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37 			